

In the Specification:

Please amend paragraph [0042] as follows:

[0042] The described general lay-out of a batching system will be perfectly applicable in connection with the ~~pre-sent~~ present invention, which is focused on the programming of the computer or control unit 10 in order to provide for a highly improved performance of the batching system.

Please amend paragraph [0055] as follows:

[0055] In more general, the remaining two pieces for building up of a full target portion from stage 26 in FIG. 10 may be combined by parts from several of the available part weight ranges according to FIG. 8. This leads ~~tot-he~~ to the said backwards calculations, turning $(26+15+11=52)$ into $(52-15-11=26)$. Thus, for the stage 26 of FIG. 10, it is relevant to operate with a probability function given by the sum of the following twenty combination possibilities, these being listed with their respective probability values (FIG. 8):

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|-----|---------------------|---|
| 1. | $52 - 15 - 11 = 26$ | $0.05 \times 0.07 \times 0.02 = 0.0007$ |
| 2. | $52 - 14 - 12 = 26$ | $0.05 \times 0.08 \times 0.15 = 0.0006$ |
| 3. | $52 - 13 - 13 = 26$ | $0.05 \times 0.10 \times 0.10 = 0.0005$ |
| 4. | $52 - 12 - 14 = 26$ | $0.05 \times 0.15 \times 0.08 = 0.0006$ |
| 5. | $52 - 11 - 15 = 26$ | $0.05 \times 0.20 \times 0.07 = 0.0007$ |
| 6. | $51 - 15 - 10 = 26$ | $0.05 \times 0.07 \times 0.40 = 0.0014$ |
| . | | |
| . | | |
| . | | |
| 11. | $51 - 10 - 15 = 26$ | $0.05 \times 0.40 \times 0.07 = 0.0014$ |
| 12. | $50 - 14 - 10 = 26$ | $0.80 \times 0.08 \times 0.40 = 0.0256$ |
| 13. | $50 - 13 - 11 = 26$ | $0.80 \times 0.10 \times 0.20 = 0.0160$ |
| . | | |
| . | | |
| . | | |
| 16. | $50 - 10 - 14 = 26$ | $0.80 \times 0.40 \times 0.08 = 0.0256$ |
| 17. | $49 - 13 - 10 = 26$ | $0.10 \times 0.10 \times 0.40 = 0.0040$ |

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| 18. | 49 - 12 - 11 = 26 | $0.10 \times 0.15 \times 0.20 = 0.0030$ |
| 19. | 49 - 11 - 12 = 26 | $0.10 \times 0.20 \times 0.15 = 0.0030$ |
| 20. | 49 - 10 - 13 = 26 | $0.10 \times 0.40 \times 0.10 = \frac{0.0040}{0.1242}$ |